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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	3

Complete if Known	
Application Number	10/660,860
Filing Date	9/12/2003
First Named Inventor	Pogue et al.
Art Unit	1632
Examiner Name	PRIEBE, Scott David
Attorney Docket Number	LSBC-POGUE-A1A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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SL		BOUTLA, et al., "Induction of RNA interference in Caenorhabditis elegans by RNAs derived from plants exhibiting post-transcriptional gene silencing", *Nucleic Acids Research* (2002) 30:1688-1694	
		CHUANG and MEYEROWITZ, "Specific and heritable genetic interference by double-stranded RNA in *Arabidopsis thaliana*", *Proc. Natl. Acad. Sci. USA* (2000) 97:4985-4990	
		DALMAY, et al., "An RNA-dependant RNA polymerase gene in Arabidopsis is required for post-transcriptional gene silencing mediated by a transgene but not by a virus", *Cell* (2000) 101:543-553	
		DE BUCK, al., "Transgene silencing of invertedly repeated transgenes is released upon deletion of one of the transgenes involved", *Plant Mol. Biol.* (2001) 46:433-445	
		FAGARD and VAUCHERET, "(Trans)gene silencing in plants: How many mechanisms?", *Ann. Rev. Plant Physiol. Plant Mol. Biol.* (2000) 51:167-194	

Examiner Signature	/Scott Long/	Date Considered	07/25/2006

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Sheet 2 of 3

Complete if Known	
Application Number	10/660,860
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Attorney Docket Number	LSBC-POGUE-A1A

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SL		HAMILTON, et al., "A transgene with repeated DNA causes high frequency, post-transcriptional suppression of ACC-oxidase gene expression in tomato", *Plant J.* (1998) 15:737-746	
		HOLZBERG, et al., "Barley stripe mosaic virus-induced gene silencing in a monocot plant", *Plant J.* (2002) 30:315-327	
		JOHANSEN and CARRINGTON, "Silencing on the spot. Induction and suppression of RNA silencing in the Agrobacterium-mediated transient expression system", *Plant Physiol.* (2001) 126:930-938	
		KUMAGAI, et al., "Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA", *Proc. Natl. Acad. Sci. USA* (1995) 92:1679-1683	
		LEVIN, et al., "Methods of double-stranded RNA-mediated gene inactivation in Arabidopsis and their use to define an essential gene in methionine biosynthesis", *Plant Mol. Biol.* (2000) 44:759-775	
		MUSKENS, et al., "Role of inverted DNA repeats in transcriptional and post-transcriptional gene silencing", *Plant Mol. Biol.* (2000) 43:243-260	
		NAGY and SIMON, "New insights into the mechanisms of RNA recombination", *Virology* (1997) 235:1-9	
		RATCLIFF, et al., "Tobacco rattle virus as a vector for analysis gene function by silencing", *Plant J.* (2001) 25:237-245	
		RUIZ, et al., "Initiation and maintenance of virus-induced gene silencing", *Plant Cell* (1998) 10:937-946	
		SCHWEIZER, et al., "Double-stranded RNA interferes with gene function at the single-cell level in cereals", *Plant J.* (2000) 24:895-903	
		SMITH, et al., "Total silencing by intron-spliced hairpin RNAs", *Nature* (2000) 407:319-320	
↓		TENLLADO and DIAZ-RUIZ, "Double-stranded RNA-mediated interference with plant virus infection", *J. of Virology* (2001) 75:12288-12297	

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Sheet 3 of 3

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SL		THOMAS, et al., "Size constraints for targeting post-transcriptional gene silencing and for RNA-mediated methylation in *Nicotiana benthamiana* using a potato virus X vector", *Plant J.* (2001) 25:417-425	
		WATERHOUSE, et al., "Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA", *Proc. Natl. Acad. Sci. USA* (1998) 95:13959-13964	
		WESLEY, et al., "Construct design for efficient, effective and high-throughput gene silencing in plants", *Plant J.* (2001) 27:581-590	

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